

Work Order ID 166254

Wednesday, September 13, 2017 2:43:10 PM

166254

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Item ID: D2611 Accept ***N900040100*** Setup Start ***NS1***
Revision ID: Stop ***NS2***
Item Name: Bearing
Start Date: 9/13/2017 Start Qty: 7.00 ***7*** Cust Item ID:
Required Date: 9/18/2017 Req'd Qty: 7.00 ***7*** Customer:
Reference:

Approvals: Process Plan: MM Date: SEP 13 2017 Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr								
D2611	Rev C								
100	PURCHASING	0.00				<u>7</u>	<u>SEP 14 2017</u>		DAS 13 9-59
100									
Purchasing	Memo	0.00							
Purchasing	Issue P/O: <u>37774</u> Purchase part as per Dwg D2611 Possible supplier: McMaster or CTG								
	P/N: 63215K34 Material release note required								
110	Receive & Inspect for Damage & Mat'l Certs	0.00							
110									
Packaging	Memo	0.14							
Packaging	Ensure certificate of conformity is attached								<u>7x SEP 17-9-19</u>
120	QC6- All purchased or subcontracted products	0.00							
120									
QC	Memo	0.00							
Quality Control						<u>7</u>	<u>SEP 21 2017</u>		DAS 9 9-30

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Revision ID: Stop ***NS2***
Item Name: Bearing
Start Date: 9/13/2017 Start Qty: 7.00 ***7*** Cust Item ID:
Required Date: 9/18/2017 Req'd Qty: 7.00 ***7*** Customer:
Reference:

Approvals: Process Plan: _____ Date: _____ Tooling: _____ Date: _____ Run Start ***NR1***
QC: _____ Date: _____ SPC (Y/N): _____ Date: _____ Stop ***NR2***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130	Identify as per dwg & Stock Location: <u>GA</u>	0.00				2	✓	SEP 21 2017	DAS 9 9-89
130	Memo	0.07							
Packaging									
Packaging									
140	QC21- Final Inspection - Work Order Release	0.00							
140	Memo	0.70						17/9/22	✓
QC									
Quality Control									

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SEP 21 2017

Picklist Print

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Work Order ID: 166254

166254

Parent Item: D2611

D2611

Parent Item Name: Bearing

Start Date: 9/13/2017

Required Date: 9/18/2017

Start Qty: 7.00

Required Qty: 7.00

Comments: IPP Rev:B99.06.23Re-formatDM
Change to SS; Change Supplier- Rev.C 07.03.14 EC

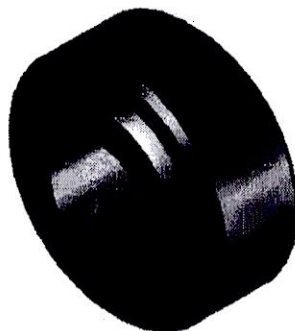
Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
63215K34		Purchased		No		100	Each	0.0000	1	7			
63215K34									**				
Bearing													

7x SP17 9-19



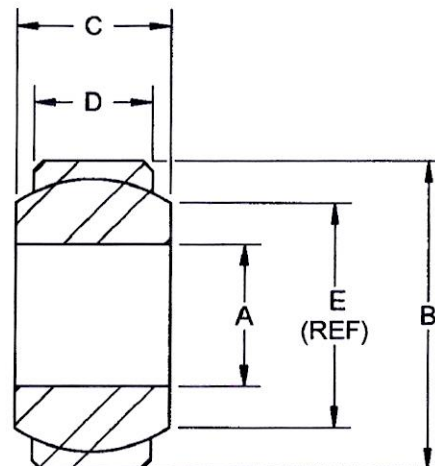
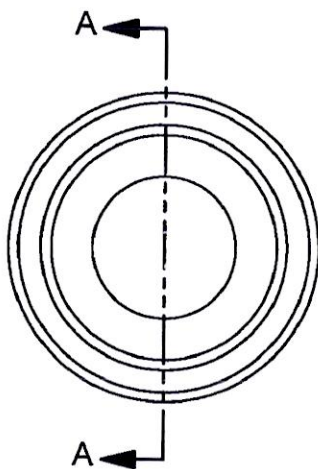
DESIGN 9P	DRAWN BY CB	DART AEROSPACE LTD HAWKESBURY, ONTARIO, CANADA	
CHECKED H	APPROVED H	DRAWING NO. D2611	REV. C SHEET 1 OF 1
DATE 06.09.20	TITLE BEARING		
REV	DATE	DESCRIPTION	
A	97.07.31	NEW ISSUE	
B	01.07.04	RE-DRAWN	
C	06.09.20	CHANGE TO SS; CHANGE SUPPLIER	

SPECIFICATION CONTROL DRAWING



RELEASED

06.11.17 H



SHOP COPY
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ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 166254

SECTION A-A

SFP 12 2017



A	B	C	D	E (REF)	POSSIBLE SUPPLIER
0.375	0.813	0.406	0.313	0.592	McMASTER-CARR P/N 63215K34

NOTES:

- 1) STAINLESS STEEL BALL JOINT SWIVEL BEARING
- 2) TOLERANCES ARE PER DART QSI 018 UNLESS OTHERWISE NOTED
- 3) ALL DIMENSIONS ARE IN INCHES UNLESS OTHERWISE NOTED

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Dart Aerospace Ltd.
1270 Aberdeen Street
Hawkesbury, ON K6A 1K7
Tel: 613 632 9577
Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO37774

Purchase Order Date 9/14/2017

PO Print Date 9/14/2017

Page Number 1 of 12

Order From :

MCMaster-CARR SUPPLY CO,
P.O. BOX 7690
CHICAGO, IL 60680-7690
US

VU-MCM001

Ship To : DART AEROSPACE LTD

1270 ABERDEEN
HAWKESBURY, ON K6A 1K7
CANADA

E-MAILED
SEP 14 2017

Contact Name

Vendor Phone 330 995 5500

Ship To Contact

Ship To Phone

Ship Via: Purolator ground ppd

Ship Acct:

Buyer

Chantal Lavoie

Customer POID

Customer Tax #

10127-2607

Terms

Net 10

Currency

USD

FOB

FCA - (Free Carrier)

Line Nbr	Reference Vendor Part Number Line Comments Delivery Comments	Description/ Mfg ID	Req Date/ Taxable Promise Date	CD	Req Qty/ Unit of Measure	PO Unit Price	Extended Price
1	97190A035	Washer	9/18/2017 Yes 9/18/2017	FN	5.00 Each	\$1.17	\$5.85
Line Total:							\$5.85
2	98017A220	Washer	9/18/2017 Yes 9/18/2017	FN	20.00 Each	\$0.79	\$15.86
Line Total:							\$15.86
3	63215K34 AS PER DWG D2611 REV. C B166254	Bearing	9/18/2017 Yes 9/18/2017		7.00 Each	\$17.24	\$120.68

Note:

9/14/2017



McMASTER-CARR®

200 Aurora Industrial Pkwy
Aurora OH 44202-8087
330-995-5500
cle.sales@mcmaster.com

Dart Aerospace Ltd
1270 Aberdeen St
Hawkesbury ON K6A 1K7
Canada

Purchase Order
PO37774

Order Placed By
Chantal Lavoie

McMaster-Carr Number
8613246-01

Packing Lis

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09/14/2017

Line	Product	Ordered	Shipped
1	97190A035 Medium-Strength Steel Locknut for Use with Cotter Pins, Grade 5, 3/4"-10 Thread Size, Packs of 5	1 Pack	1
2	98017A220 18-8 Stainless Steel Mil. Spec. Washer, Passivated, 3/4" Screw Size, NAS 1149-C1290R, Packs of 10	2 Packs	2
3	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD	7 Each	7
6	6381K193 Multipurpose Sleeve Bearing, SAE 660 TIN Bronze, for 3/4" Shaft Diameter, 1" OD, 1-1/4" Length	2 Each	2
7	91257A857 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 3/4"-10 Thread, 5-1/2" Long, Partially Threaded, Packs of 1	2 Packs	2
8	90576A118 Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M10 x 1.5 mm Thread, Packs of 50	1 Pack	1
9	91074A131 Zinc-Flake-Coated Steel Wedge Lock Washer for 3/8" Screw Size, 0.41" ID, 0.65" OD, Packs of 20	1 Pack	1
10	98338A290 Zinc-Plated Steel Cotter Pins, 3/16" Diameter, 3" Long, Packs of 50	1 Pack	1
11	92290A334 Super-Corrosion-Resistant 316 Stainless Steel Socket Head Screw, M6 x 1 mm Thread, 35 mm Long, Packs of 10	1 Pack	1
12	91455A120 Class 10.9 Steel Washer, Zinc-Plated, M6 Screw Size, 6.4 mm ID, 12 mm OD, Packs of 100	1 Pack	1
13	92497A350 High-Strength Steel Hex Nut, Class 10, Zinc Yellow-Chromate Plated, M6 x 1 mm Thread, Packs of 100	1 Pack	1
14	97633A115 External Retaining Ring, Black-Phosphate Steel, for 5/32" OD, Packs of 100	1 Pack	1
15	91290A204 Black-Oxide Alloy Steel Socket Head Screw, M6 x 1 mm Thread, 45 mm Long, Fully Threaded, Packs of 10	1 Pack	1
16	4897T83 Polystyrene Plastic Pan with 8 Compartments, 19" Long, 9-1/2" Wide, 3-1/2" High	4 Each	4
17	4897T82 Polystyrene Plastic Pan with 20 Compartments, 17-1/2" Long, 12-1/4" Wide, 1-1/2" High	4 Each	4
18	8491A051 Press-Fit Drill Bushing, 0.098" ID, 1/4" OD, 3/8" Long	10 Each	10
19	8491A786 Press-Fit Drill Bushing, 0.196" ID, 13/32" OD, 1/2" Long	2 Each	2
20	6835A17 Water-Resistant Sanding Sheets with Paper Backing for Extra-Smooth Finish, 320 Grit, Packs of 50	1 Pack	1
21	91732A719 18-8 Stainless Steel Helical Insert, 10-24 Right-Hand Thread, 0.380" Long, Packs of 10	10 Packs	10

DAS
9
9-30

SPR 9-19

McMaster-Carr Supply Company 200 Aurora Industrial Pkwy Aurora, OH 44202-8087 USA Phone: 330-995-5500 Fax: 330-995-9600 E-Mail: cle.sales@mcmaster.com Employer Identification Number (EIN): 36-1458720		Invoice: 45953703 Purchase Order: PO37774 Release: McMaster-Carr Number: 8613246-01		ORIGINAL COMMERCIAL INVOICE CERTIFICATE OF ORIGIN
Ultimate Destination: Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada		Shipped: 14-Sep-2017 Shipper's Export Declaration (SED): NO EEI 30.36		
Intermediate Consignee:		Bill To: Dart Aerospace Ltd 1270 Aberdeen St Hawkesbury ON K6A 1K7 Canada		Tax Number:
Forwarding Agent:		Billing Attention: Shipping Attention: Contact:		

Line	Description	Qty & Unit	Unit Price	Extension
1	97190A035 Medium-Strength Steel Locknut for Use with Cotter Pins, Grade 5, 3/4"-10 Thread Size, Packs of 5 Country of Origin: Taiwan Schedule B #: 731816 ECCN #: EAR99 NLR	1 PK	\$5.85	\$5.85
2	98017A220 18-8 Stainless Steel Mil. Spec. Washer, Passivated, 3/4" Screw Size, NAS 1149-C1290R, Packs of 10 Country of Origin: United States Schedule B #: 731822 ECCN #: EAR99 NLR	2 PK	\$7.93	\$15.86
3	63215K34 Corrosion-Resistant Swivel Joint, Lubrication-Free, 3/8" ID, 13/16" OD Country of Origin: Peoples Republic of China Schedule B #: 848330 ECCN #: EAR99 NLR	7 EA	\$17.24	\$120.68
6	6381K193 Multipurpose Sleeve Bearing, SAE 660 TIN Bronze, for 3/4" Shaft Diameter, 1" OD, 1-1/4" Length Country of Origin: United States Schedule B #: 848330 ECCN #: EAR99 NLR	2 EA	\$3.68	\$7.36

Your order is subject only to our terms and conditions, available at www.mcmaster.com or from our Sales Department.

Shipping Weight (in kgs): 15		Number of Packages: 1		Invoice Amounts: Merchandise Amount: \$1,278.56 Canadian GST/HST: \$169.19 Shipping Charges: \$22.92 Total (In USD): \$1,470.67	
Package Dimensions: 52 X 52 X 43 CM = .114 CUBIC M		Payment Terms: 2% discount on merchandise only if paid within 10 days, net 30 days			
Authorized Signature: 		Date: 14-Sep-2017		Remit payment to: (by mail) McMaster-Carr Supply Company PO Box 7690 Chicago, IL 60680-7690 USA	
Name: Sarah Weinberg		Title: Operations Mgr.		(by wire transfer) Bank of America 222 Broadway New York, NY 10038 Account 86666-02021 SWIFT BOFAUS3N	

McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
 Phone: 330-995-5500 Fax: 330-995-9600
 E-Mail: cle.sales@mcmaster.com
 Employer Identification Number (EIN): 36-1458720

Invoice: 45953703
 Purchase Order: PO37774
 Release:
 McMaster-Carr Number: 8613246-01

ORIGINAL COMMERCIAL
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 CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extension
7	91257A857 Zinc Yellow-Chromate Plated Hex Head Screw, Grade 8 Steel, 3/4"-10 Thread, 5-1/2" Long, Partially Threaded, Packs of 1 Country of Origin: United States Schedule B #: 731815 ECCN #: EAR99 NLR	2 PK	\$5.46	\$10.92
8	90576A118 Medium-Strength Steel Nylon-Insert Locknut, Class 8, Zinc-Plated, M10 x 1.5 mm Thread, Packs of 50 Country of Origin: Peoples Republic of China Schedule B #: 731816 ECCN #: EAR99 NLR	1 PK	\$9.14	\$9.14
9	91074A131 Zinc-Flake-Coated Steel Wedge Lock Washer for 3/8" Screw Size, 0.41" ID, 0.65" OD, Packs of 20 Country of Origin: Sweden Schedule B #: 731821 ECCN #: EAR99 NLR	1 PK	\$12.38	\$12.38
10	98338A290 Zinc-Plated Steel Cotter Pins, 3/16" Diameter, 3" Long, Packs of 50 Country of Origin: United States Schedule B #: 731824 ECCN #: EAR99 NLR	1 PK	\$6.79	\$6.79
11	92290A334 Super-Corrosion-Resistant 316 Stainless Steel Socket Head Screw, M6 x 1 mm Thread, 35 mm Long, Packs of 10 Country of Origin: Taiwan Schedule B #: 731815 ECCN #: EAR99 NLR	1 PK	\$7.41	\$7.41
12	91455A120 Class 10.9 Steel Washer, Zinc-Plated, M6 Screw Size, 6.4 mm ID, 12 mm OD, Packs of 100 Country of Origin: Germany Schedule B #: 731822 ECCN #: EAR99 NLR	1 PK	\$3.70	\$3.70
13	92497A350 High-Strength Steel Hex Nut, Class 10, Zinc Yellow-Chromate Plated, M6 x 1 mm Thread, Packs of 100 Country of Origin: Taiwan Schedule B #: 731816 ECCN #: EAR99 NLR	1 PK	\$8.34	\$8.34
14	97633A115 External Retaining Ring, Black-Phosphate Steel, for 5/32" OD, Packs of 100 Country of Origin: United States Schedule B #: 731824 ECCN #: EAR99 NLR	1 PK	\$7.04	\$7.04
15	91290A204 Black-Oxide Alloy Steel Socket Head Screw, M6 x 1 mm Thread, 45 mm Long, Fully Threaded, Packs of 10 Country of Origin: Taiwan Schedule B #: 731815 ECCN #: EAR99 NLR	1 PK	\$5.52	\$5.52
16	4897T83 Polystyrene Plastic Pan with 8 Compartments, 19" Long, 9-1/2" Wide, 3-1/2" High Country of Origin: United States Schedule B #: 392690 ECCN #: EAR99 NLR	4 EA	\$15.00	\$60.00

Number of Packages: 1

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McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
 Phone: 330-995-5500 Fax: 330-995-9600
 E-Mail: cle.sales@mcmaster.com
 Employer Identification Number (EIN): 36-1458720

Invoice: 45953703
 Purchase Order: PO37774
 Release:
 McMaster-Carr Number: 8613246-01

ORIGINAL COMMERCIAL
INVOICE
 CERTIFICATE OF ORIGIN

Line	Description	Qty & Unit	Unit Price	Extension
17	4897T82 Polystyrene Plastic Pan with 20 Compartments, 17-1/2" Long, 12-1/4" Wide, 1-1/2" High Country of Origin: United States Schedule B #: 392690 ECCN #: EAR99 NLR	4 EA	\$14.44	\$57.76
18	8491A051 Press-Fit Drill Bushing, 0.098" ID, 1/4" OD, 3/8" Long Country of Origin: United States Schedule B #: 846620 ECCN #: EAR99 NLR	10 EA	\$10.36	\$103.60
19	8491A786 Press-Fit Drill Bushing, 0.196" ID, 13/32" OD, 1/2" Long Country of Origin: United States Schedule B #: 846620 ECCN #: EAR99 NLR	2 EA	\$10.36	\$20.72
20	6835A17 Water-Resistant Sanding Sheets with Paper Backing for Extra-Smooth Finish, 320 Grit, Packs of 50 Country of Origin: Brazil Schedule B #: 680520 ECCN #: EAR99 NLR	1 PK	\$39.48	\$39.48
21	91732A719 18-8 Stainless Steel Helical Insert, 10-24 Right-Hand Thread, 0.380" Long, Packs of 10 Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR	10 PK	\$6.15	\$61.50
22	54645A31 Corrosion-Resistant Locking Pliers with Flat Jaws and Plain Grip Country of Origin: Pakistan Schedule B #: 820320 ECCN #: EAR99 NLR	1 EA	\$62.93	\$62.93
23	5855A13 Ball Peen Hammer with Hickory Handle, 8 oz. Country of Origin: United States Schedule B #: 820520 ECCN #: EAR99 NLR	1 EA	\$11.09	\$11.09
24	5682A39 Stubby Screwdriver, Number 2 Phillips Country of Origin: United States Schedule B #: 820540 ECCN #: EAR99 NLR	1 EA	\$4.80	\$4.80
25	5682A74 Stubby Screwdriver, 1/4" Slotted Country of Origin: United States Schedule B #: 820540 ECCN #: EAR99 NLR	1 EA	\$4.80	\$4.80
26	7127A61 6 Piece Ultra-Grip Screwdriver Set Country of Origin: Peoples Republic of China Schedule B #: 820540 ECCN #: EAR99 NLR	1 EA	\$37.17	\$37.17
27	2036K3 LED Flashlight with Adjustable Beam Focus, 168 Lumens Brightness, 80 Hrs. Battery Life, Black Country of Origin: United States Schedule B #: 851310 ECCN #: EAR99 NLR	1 EA	\$31.12	\$31.12

Number of Packages: 1

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McMaster-Carr Supply Company
 200 Aurora Industrial Pkwy
 Aurora, OH 44202-8087 USA
 Phone: 330-995-5500 Fax: 330-995-9600
 E-Mail: cle.sales@mcmaster.com
 Employer Identification Number (EIN): 36-1458720

Invoice: 45953703
 Purchase Order: PO37774
 Release:
 McMaster-Carr Number: 8613246-01

ORIGINAL COMMERCIAL
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Line	Description	Qty & Unit	Unit Price	Extension
28	3481A21 10-Piece Punch Set Country of Origin: United States Schedule B #: 846610 ECCN #: EAR99 NLR	1 EA	\$41.62	\$41.62
29	2757A34 Cutting Wheel for Tube and Pipe Cutter, Ridgid 35S, Packs of 2 Country of Origin: Peoples Republic of China Schedule B #: 820340 ECCN #: EAR99 NLR	2 PK	\$12.30	\$24.60
30	2670A5 Metal Tube and Conduit Cutter for 1/4" to 1-3/8" OD Country of Origin: Peoples Republic of China Schedule B #: 820340 ECCN #: EAR99 NLR	2 EA	\$42.62	\$85.24
31	60595K73 Fixed Alignment Linear Ball Bearing, Steel Bearing with Steel Ball, for 1/2" Shaft Diameter, 1-1/4" Length Country of Origin: Japan Schedule B #: 848210 ECCN #: 1C999 NLR	9 EA	\$23.80	\$214.20
32	9968K24 External Retaining Ring, Low-Clearance, for 7/8" OD Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR	16 EA	\$0.53	\$8.48
33	97395A789 Dowel Pin, 316 Stainless Steel, 1/2" Diameter, 4" Long, Packs of 1 Country of Origin: United States Schedule B #: 731829 ECCN #: EAR99 NLR	10 PK	\$11.76	\$117.60
34	6963A71 Cushion-Grip T-Handle Key, 7 Piece Torx Set Country of Origin: Germany Schedule B #: 820540 ECCN #: EAR99 NLR	1 EA	\$70.86	\$70.86
	NOTE These items are controlled by the U.S. Government and authorized for export only to the country of ultimate destination for use by the ultimate consignee or end-user(s) herein identified. They may not be resold, transferred, or otherwise disposed of, to any other country or to any person other than the authorized ultimate consignee or end-user(s), either in their original form or after being incorporated into other items, without first obtaining approval from the U.S. government or as otherwise authorized by U.S. law and regulations.			
	NOTE Tracking number(s) for this shipment: CPK005712926			